

Appl. No.10/065,954
 Amdt. Dated Oct. 15, 2003
 Reply to Office action of Jul. 15, 2003

Amendments to the Claims

The listing of claims will replace all prior versions and listings of claims in the application:

5 Listing of Claims

Claim 1. (currently amended) A projection display system capable of diminishing ghost images, comprising:
 an illumination system comprising:
 10 a light source for emitting at least one light beam;
 and
 a field lens having a first surface and a second surface opposite to the first surface, the first surface with a curvature radius from 50mm to 500mm comprising at
 15 least one reflection area; and
 an image system utilizing the field lens and a light valve mounted adjacent to the second surface of the field lens for reflecting the light beam emitted by the light source;
 20 wherein the light beam reflected from the light valve to the ~~reflecting~~ reflection area is further reflected to a region outside of the light valve due to the interface reflection area.

25 Claim 2. (canceled)

Claim 3. (currently amended) The projection display system of claim ~~2~~ 1, wherein the field lens is a non-spherical mirror.

30 Claim 4. (original) The projection display system of claim 3, wherein the first surface is formed by pivoting a curve around an axis, an equation for the curve

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being $X = (1/R) Y^2 / [1 + (1 - (1+K) * (1/R)^2 * Y^2)]^{1/2} + A*Y^4$
+ $B*Y^6 + C*Y^8 + D*Y^{10}$, wherein R is the curvature
radius, R.80mm, K.0, A.-2.3892 x 10⁻⁶, B.-7.2980 x
10⁻⁸, C.-2.5287 x 10⁻¹⁰, and D. 2.9488 x 10⁻¹³.

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Claim 5. (currently amended) The projection display system
of claim 21, wherein the field lens is a spherical
lens.

10 Claim 6-9 (canceled)